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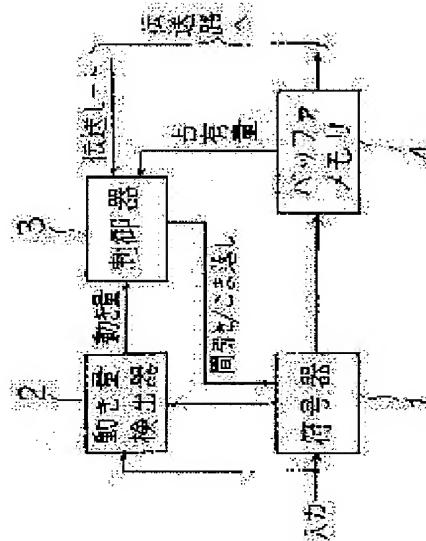
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(54) PICTURE CODING DEVICE WITH VARIABLE BIT RATE

(57)Abstract:

PURPOSE: To avoid the deterioration of the picture quality due to the change of a transmission rate by controlling adaptively the space image resolution or the time image resolution in accordance with the shift value of an input screen in case the transmission bit rate is limited and the occupation rate of a buffer memory is increased.

CONSTITUTION: A controller 3 applies adaptively the control signal to an encoder 1 for thinning or frame omitting action in accordance with the shift value of an input picture detected by a shift detector 2 as long as the occupation rate of a buffer memory 4 exceeds its threshold value when the transmission bit rate instructed from the transmission line side is smaller than the threshold level. Therefore the thinning process is carried out to lower the space image resolution against the large shift value in case the transmission bit rate is kept at a low level. While the frames are omitted to lower the time image resolution against the small shift value. Thus it is possible to reduce the quantity of produced information and to secure the visually stable picture quality.



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